R. STAHL Thin Clients
with Emerson DeltaV DRDC
Why Thin Clients with Emerson DeltaV?

If flexible access options, central data administration and security are the key requirements for operating and monitoring, modern Thin Client operator stations are the ideal solution. Access from each Thin Client in the network to each Workstation or Server in the network is possible via the IP address.

The SERIES 500 from R. STAHL provides the greatest possible data access on-site in hazardous areas for operating and monitoring. RDP and the integration of the Emerson DRDC (DeltaV Remote Desktop Connection) enable access to all PCs or virtual machines. Media converters and switches increase access flexibility.

All SERIES 500 Thin Clients for Emerson DeltaV are equipped with our Windows Embedded 7 System, Emerson DRDC and the Microsoft EWF and HORM functionality.

High-quality industrial LED-backlit monitors are available in screen sizes of 15”, 19”, 22”, 24” and 24” WUXGA in resolutions of 1024 x 768, 1280 x 1024, 1680 x 1050, 1920 x 1080, and 1920 x 1200.
Highlights of R. STAHL Thin Clients with Emerson DeltaV

- R. STAHL SERIES 500 HMI is based on Thin Client technology and combines various methods of remote control of a computer or virtual workstation via RDP and the integrated DeltaV DRDC.

- Our Windows Embedded Standard 7 image includes two special security functions that are exclusive to the embedded Windows OS versions, namely EWF (Enhanced Write Filter) and HORM (Hibernate Once / Resume Many).

- Windows Embedded Standard 7 Image contains 8 system languages to choose from: English, German, French, Spanish, Italian, Portuguese (Brazilian), Russian, and Korean.

- The first time the device is activated, Windows Setup Wizard appears and the user has the opportunity to specify the preferred system language. In addition, Remote HMIs can be switched off at any time (a full shutdown is not necessary) without causing any performance drops in the entire system.

- Also, the comprehensive portfolio of R. STAHL accessories allows customers to add card readers and barcode scanners to the system. The HMIs are extremely rugged, suitable for reliable 24/7 operation at temperatures ranging from -30°C to +50 °C (permanent operation), and certified according to ATEX / IECEx and more.
## Product Code for Fieldsystem of Remote Thin Clients 5x7 Series for DeltaV

### Display size
- 567 - 22", 1920 x 1080 - Format 16:9, no OS
- 571 - 24", 1920 x 1200 - Format 16:10, no OS

### Ethernet
- TX 10/1000BaseTX - Copper Ethernet
- TX 1000BaseSX - Fiber Optic Ethernet
- TX100BaseFX - Fiber Optic Ethernet (only IT)

### Processor
- ATOM N270

### RAM
- 2 GB RAM

### Display Type
- Standard TFT

### Bulk Memory (SSD)
- 16 GB

### Touch
- Not applicable

### PSU
- Optional

### Optional Interfaces 1
- No optional interfaces 1

### Optional Interfaces 2/Reader
- No optional interfaces 2

### Optional Interface 3/Option box
- No optional interfaces 3

### Front design
- One location

### Operating System and Image
- Windows Embedded 7 (WES7) & Remote DeltaV

### Enclosure Type and material
- No enclosure
- Cleanroom enclosure front door CFR SS304
- Cleanroom enclosure front door CFR SS316
- Front door enclosure (FR) SS304
- Backdoor enclosure (BD), SS304
- Cleanroom enclosure front door CFR SS316
- Front door enclosure (FR) SS316
- Backdoor enclosure (BD), SS316

### Mounting Option
- None, front panel mount
- Direct wall mounting
- Fixture for mounting on stand or elbow at bottom of device
- Fixture for mounting on ceiling or elbow at top of device

### Outdoor design
- -20°C
- Outdoor -20°C for enclosure
- Outdoor -30°C

### Keyboard enclosure
- Not applicable
- Keyboard enclosure SS304 (enclosure SS304 required)
- Keyboard enclosure SS316 (enclosure SS316 required)
- Non Ex keyboards for IT

### Keyboard Layout
- Not applicable
- Keyboard layout DE, (keyboard enclosure required)
- Keyboard layout US, (keyboard enclosure required)
- Keyboard layout FR, (keyboard enclosure required)
- Keyboard layout CH, (keyboard enclosure required)
- Keyboard layout ES, (keyboard enclosure required)
- Keyboard layout SI, (keyboard enclosure required)
- Keyboard layout FR-BE, (keyboard enclosure required)
- Separate keyboard enclosure

### Integrated pointing device
- Not applicable
- Separate pointing device
- Separate keyboard enclosure
- Emergency stop button

### Separate Power Supply
- Not applicable
- Separate Power Supply

### Further Options
- No further options

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**Product Code:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Function/Architecture/Display Generation</th>
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<tbody>
<tr>
<td>1</td>
<td>567 10/1000BaseTX 1000BaseSX TX100BaseFX</td>
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